

Date: Wednesday, 8/2/2006 11:32:35 AM
 User: Kim Johnston

Process Sheet

Customer : CU-DAR001 Dart Helicopters Services	Drawing Name : SHOULDER HARNESS
Job Number : 28085	
Estimate Number : 12332	
P.O. Number : NIA	Part Number : D412702031
This Issue : 8/2/2006 S.O. No. : NIA	Drawing Number : DSI 9322
Prsht Rev. : NC	Project Number : N/A
First Issue : NIA Type : PURCHASED PARTS	Drawing Revision : A
Previous Run : 27934	Material : NIA
Written By : <i>See Comment Below</i>	Due Date : 8/9/2006
Checked & Approved By : <i>KS 06.08.02</i>	Qty: 1 Um: Each
Comment : Est Rev:A New Issue 06-03-10 JLM Est Rev:B Added DSI9322 06-03-21 EC	

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	DC	DOCUMENT CONTROL
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Comment: Photocopy DSI9322 & type labels per PPP D412-702-031 CHG001

KS 06.08.02 (1)

2.0	PACKAGING 1	PACKAGING RESOURCE #1
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Comment: PACKAGING RESOURCE #1

Pick Packing Kit

3.0	D3496041	HARNESS ASSEMBLY
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Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick Packing Kit

Qty	Part Number	Description	Batch
2	D3496-041	harness	<i>B27933</i>

4.0	D30311	Loop
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Comment: Qty.: 4.0000 Each(s)/Unit Total : 4.0000 Each(s)

Pick Packing Kit

Qty	Part Number	Description	Batch
4	D3031-1	Loop	<i>B27949</i>

5.0	MS24693S280	Screw
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Comment: Qty.: 8.0000 Each(s)/Unit Total : 8.0000 Each(s)

Pick Packing Kit

Qty	Part Number	Description	Batch
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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Mfg / Design Mgr	Approval QC Inspector

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Design Mgr	Approval QC Inspector
			Initial Design Mgr	Action Description Design Mgr	Sign & Date			

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes ☒ No ☐ DQA: LD Date: 06/08/04

NOTE: Date & initial all entries QA: N/C Closed: _____ Date: _____

Date: Wednesday, 8/2/2006 11:32:35 AM
User: Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: SHOULDER HARNESS

Job Number: 28085

Part Number: D412702031

Job Number:



Seq. #:

Machine Or Operation:

Description:

8

MS24693-S280 Srew

M16984

6.0

AN960JD10

Washer



Comment: Qty.: 8.0000 Each(s)/Unit Total: 8.0000 Each(s)

Pick Packing Kit

Qty Part Number Description Batch

8 AN960JD10 Washer

M100743

7.0

MS21042L3

Nut



Comment: Qty.: 8.0000 Each(s)/Unit Total: 8.0000 Each(s)

Pick Packing Kit

Qty Part Number Description Batch

8 MS21042L3 Nut

M100894

06/08/02 (1)

8.0

QC4

INSPECT 100% KITS FOR COMPLETENESS



Comment: INSPECT 100% KITS FOR COMPLETENESS

AL 06/08/03 (1)

9.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and pack for shipping as per PPP D412-702-031

Location:

PPP Rev:

Draft

AL 06/08/03 (1)

10.0

DC

DOCUMENT CONTROL



Comment: DOCUMENT CONTROL

Inspection Level 21

06/08/04 (1)

Job Completion



CL06/08/04

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Mfg / Design Mgr	Approval QC Inspector



NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Design Mgr	Approval QC Inspector
			Initial Design Mgr	Action Description Design Mgr	Sign & Date			

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

NOTE: Date & initial all entries

QA: N/C Closed: _____ Date: _____

DART

DESIGN CP	DRAWN BY CP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED 	APPROVED 	DRAWING NO. DSI 9322	REV. A SHEET 1 OF 1
DATE 06.03.15		TITLE JUMP SEAT HARNESS INSTALLATIONS	SCALE NTS
A	06.03.15	NEW ISSUE	

DART SERVICE INSTRUCTION

REFERENCE: IIN-D412-702 REV. C

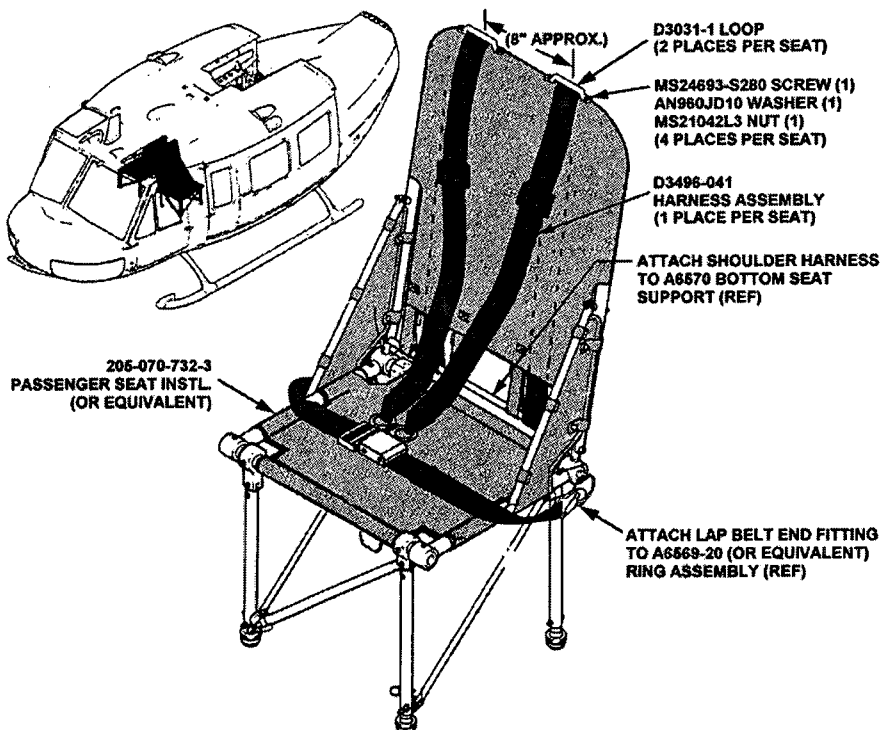
The following kit is available to provide 4-point shoulder harnesses for passengers on UH-1 aircraft:

The Dart **D412-702-031 Jump Seat Shoulder Harness Kit** provides 4-point harnesses for the 205-070-732-3 (or equivalent) passenger seat installations for the UH-1 aircraft. The harnesses for this kit are approved under JTSO-C114. Install the D412-702-031 kit as follows:

- 1) Locate the D3031-1 Loops on the seat as shown below and transfer drill qty(4) holes through the canvas and completely through the top bar. Open holes to $\varnothing 0.203$.
- 2) Install the D3031-1 Loops using the MS24693-S280 screws and associated hardware. To secure the nuts, a ratchet with an extension may be needed to reach the underside of the seat bar.
- 3) Attach the D3496-041 Harness Assemblies as shown below. The shoulder harness should loop through the D3031-1 loops down the back to the bottom seat support (ref p/n A6570 Bottom Seat Support, or equivalent) as shown. Temporarily remove the bottom seat support to attach the ends of the shoulder harness.

The parts list for the kits is as follows:

QTY	Part Number	Description
X	D412-702-031	Dart Jump Seat Shoulder Harness Kit, 4-point, for UH-1 aircraft
4	D3031-1	Loop
2	D3496-041	Harness Assembly, 4 point
8	MS24693-S280	Screw
8	AN960JD10	Washer
8	MS21042L3	Nut (or MS21042-3)



BELT END FITTING

TO SECURE END FITTING:
LOCKWIRE PER AC43.13-1B
CHAPTER 7 SECTION 7 USING
MS20995C41 LOCKWIRE OR INSTALL
A MS24665 COTTER PIN

HOLE FOR
LOCKWIRE



SHOP COPY
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WITHOUT NOTICE

WORK ORDER

NO. 28085

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